Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work: Detailed Estimate for Improvements to Road at Shettyhalli Village, in Shettyhalli Sub Division, Ward No-12.

Est .Cost Rs. 19.50 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB-2-2:2 Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(a)/ 2.3.5, Page No. 5/ Item No. 2.3/ PWD SR 2013-14	Cum							
	RCC Drain		2	80.00	1.20	1.20	230.40		
			1	41.00	1.20	1.20	59.04		
							289.44	151.74	**43920.00**
	Basic Rate	140.50							
	Area Weightage 8%	11.24							
		151.74							
2	KKSRB 4-1.2: Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220 kgs, using 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregate @ 0.465cum machine mixed, concrete laid in layers not exceeding 15cms. Thick, well compacted, in foundation and plinth, cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2, Page No. 12/ Item No. 4.2/ PWD SR 2013-14	Cum							
	CC Drain		2	80.00	1.20	0.15	28.80		
			1	41.00	1.20	0.15	7.38		
							36.18	4497.12	**162706.00**
	Basic Rate	4164.00							
	Area Weightage 8%	333.12							
	Total	**4497.12**							
3	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs, with 20 mm and down size graded granite metal, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase lintels retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.6. Page No. 13/ Item No. 4.11/ PWD SR 2013-14								

	Walls	Cum	2x2	80.00	0.15	1.00	48.00		
	Bed		2	80.00	0.90	0.15	21.60		
			2x1	41.00	0.15	1.00	12.30		
			1	41.00	0.90	0.15	5.54		
	Basic Rate	5222.00					**87.44**	5639.76	**493112.00**
	Area Weightage 8%	417.76							
	Total	**5639.76**							
4	KSRB 4.9.2: providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3. for TMT Bars Fe 451. Page No. 19/ Item No. 4.46.1/ PWD SR 2013-14	Qtls							
							52.46	7380.72	**387200.00**
	Basic Rate	6834.00							
	Area Weightage 8%	546.72							
	Total	**7380.72**							
5	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2, Page No. 17/ Item No. 4.36/ PWD SR 2013-14	Sqm							
	Walls		2x4	80.00		1.00	640.00		
			2x1	41.00		1.00	82.00		
							722.00	666.36	**481112.00**
	Basic Rate	617.00							
	Area Weightage 8%	49.36							
		666.36							
6	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.	Sqm							
			2	80.00	0.90		144.00		
			1	41.00	0.90		36.90		
	Approved Rate of Precast slab	1963.6							
	Data rate for precast slab of 100MM thick						**180.90**	1963.6	**355215.00**
7	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead **10 Km** a)Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. **2.00** Tonne/Km b)Average earth of work **1.28** Tonne/Km for Rs. **2.00**/Km c)Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. **62.20** (P.150, I.no.18.57/1, PWD SR 2013-14)	Cum							

	Qty Vide Item No=1						289.44		
	Qty Limited to						281.00	94.82	26646.00
	Basic Rate	25.60							
	Loading and Unloading Charges	62.20							
		87.80							
	Area Weightage @ 8%	7.02							
	Total	94.82							
8	Miscellaneous and unforseen Charges								89
								Total	1950000
(Rupees Nineteen Lakhs Fifty Thousand Only)									

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2013-14
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No-12

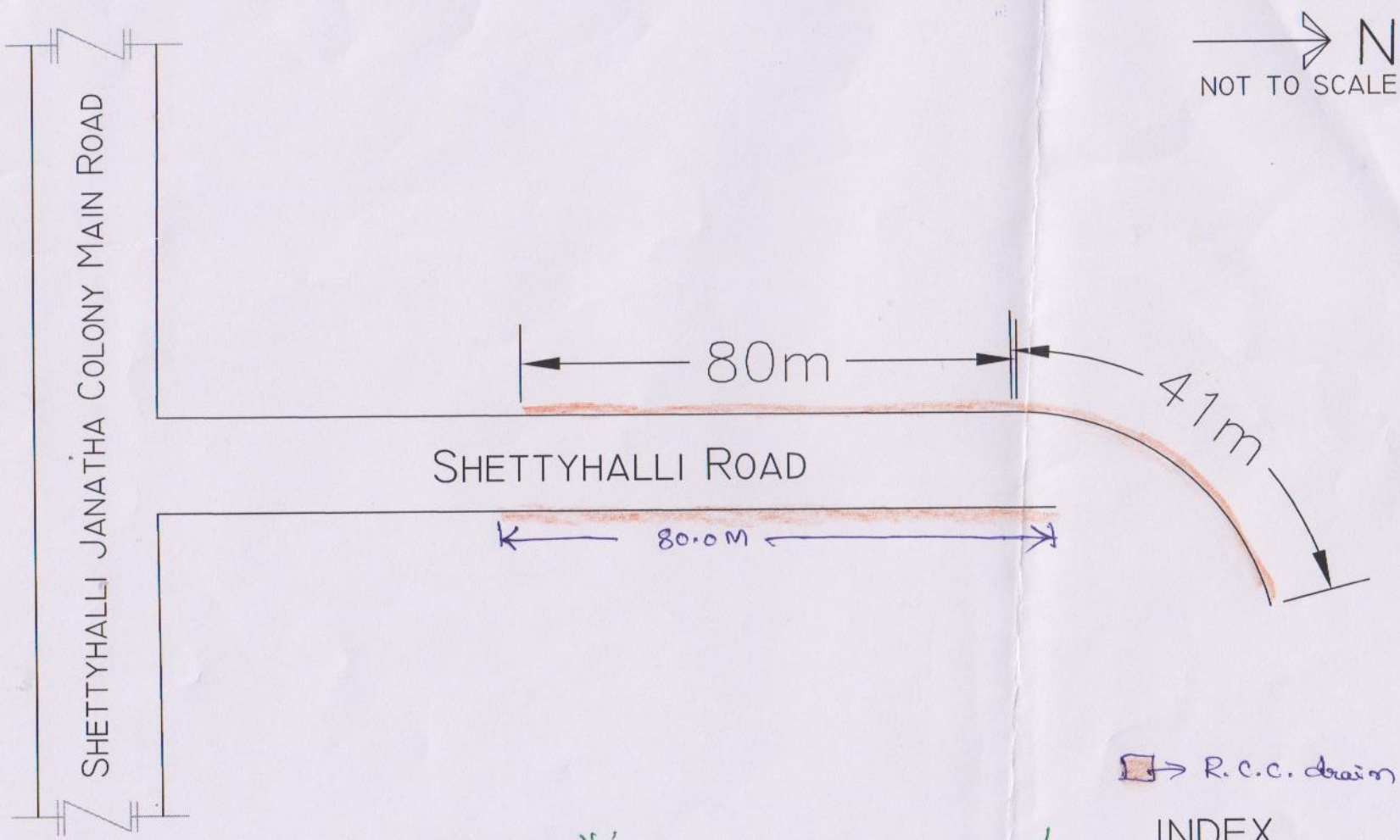
Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ನಂ. EC(DH) AS 167/2013-14 ದಿನಾಂಕ : 28/8/13
ರೂ. 19.50 Lakhs (Rupees Nineteen Lakhs fifty thousand only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
Page No. 209
Sl. No. 167
ಜಂಟಿ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ.EE/DD/TS/93/13-14 ದಿನಾಂಕ : 23/9/13
ರೂ.19.50 Lakhs
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
P-12
Sl. No. 93
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

SKETCH SHOWING IMPROVEMENTS TO ROADS SHETTYHALLI VILLAGE, IN WARD NO-12, IN SHETTYHALLI SUB DIVISION.



Ravi. N. I.C.
Asst Engineer
Ward No-12

Ravi. N. I.C.
Asst Executive Engineer
Shettyhalli Sub-Division
B.B.M.P

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು